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**October 9, 1995**

**Dear Warwick Neighbor:**

In May, we wrote you a letter explaining the details of Ciba-Geigy's site remediation project on our Cranston and Warwick properties. This letter is intended both as a progress report and to alert you to the impending start of work on the third and final phase of the project.

As you may recall, Ciba is operating under a 1989 Administrative Consent Order from the U.S. Environmental Protection Agency ("EPA") to investigate contamination at our Cranston site. A separate agreement was signed by Ciba and EPA in 1992 mandating that the first phase of the project -- called "stabilization" -- be implemented by the end of September, 1995. Stabilization is designed to clean-up the groundwater underneath the former Production Area in Cranston.

We are happy to inform you that we met the EPA's September 29 deadline requirements. Groundwater pumps have been installed which are intercepting contaminated groundwater before it can enter the Pawtuxet River. This groundwater is being piped to a specially-designed facility at the site where the water undergoes pretreatment prior to being discharged to the Cranston Sewage Treatment Facility.

The stabilization project also involves a Soil Vapor Extraction ("SVE") system. The SVE is a vacuum system that draws contaminated air and water through a series of pipes. The air is funneled to an on-site unit where organics are totally oxidized. The water is sent to the on-site pretreatment facility before it is discharged to the city sewer plant. Ciba will operate and monitor these systems, under the auspices of the EPA, for at least the next several years.

The second phase of the remediation project involved a voluntary action on Ciba's part designed to remove contaminated soils from both the Cranston and Warwick properties. Again, we are pleased to report that this phase of the project went very smoothly and is now complete. The contaminated soils were trucked, without incident, to an out-of-state disposal facility and clean soil was brought in to backfill the excavated areas.



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Now, we are about to begin the third and final phase of the remediation. As we reported to you in May, this phase involves the removal of contaminated sediment from the Pawtuxet River adjacent to the former Production Area. This project is also a voluntary action on Ciba's part. Sediments will be removed from a rectangular area of the river bottom measuring 145 feet long by 50 feet wide (located between the former railroad bridge and the pedestrian walkway bridge). Metal sheetpiling will be installed on all four sides of this rectangular area. Then, the water will be drained from inside the pilings. A mechanical shovel on shore will be used to excavate the sediments. A total of 1,600 cubic yards of material is scheduled to be removed, to a depth of six to eight feet. The dredged material will be dewatered resulting in a dried "cake" which will be trucked to an out-of-state landfill for disposal (approximately two to five truckloads per day will be generated over a period of twenty working days). All water from the operation will be pretreated prior to being discharged to the city sewage treatment plant.

The river remediation project is expected to begin during the week of October 16 and be completed by the middle of November. Hours of operation will be limited to between 7:00 a.m. and 7:00 p.m., Monday through Saturday. Special precautions are being taken to avoid any inconvenience to our neighbors. Provisions are being made to control any potential odors in the removal area and specially-trained supervisors will be on the site at all times. The installation of the sheet piling, which will take approximately one week, will generate some noise.

We believe that our attention to preventative planning helped to make the first two phases of our remediation project a success. This same level of care and planning has been taken in advance of this third phase of operations. If you should have any questions about our plans, please do not hesitate to call our Warwick representative, Paul Collins, at 273-8833.

Yours truly,



Daniel C. McIntyre  
Project Coordinator